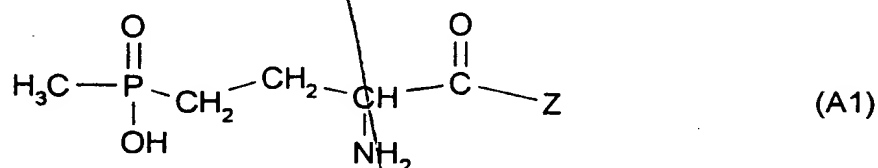


Patent claims for USA:

1. The use of herbicide combinations for controlling harmful plants in soybean crops, wherein the herbicide combination in question has a synergistically active content of

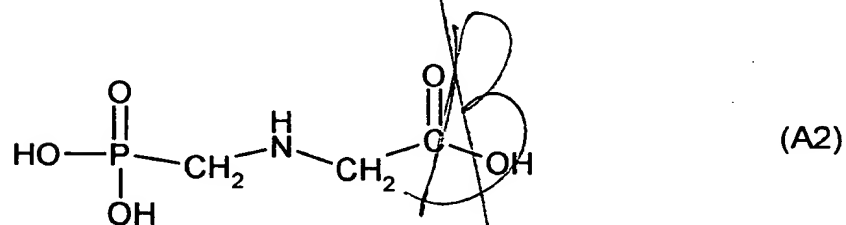
(A) a broad-spectrum herbicide from the group of the compounds consisting of

(A1) compounds of the formula (A1),



in which Z is a radical of the formula -OH or a peptide radical of the formula  
 $-\text{NHCH}(\text{CH}_3)\text{CONHCH}(\text{CH}_3)\text{COOH}$  or  
 $-\text{NHCH}(\text{CH}_3)\text{CONHCH}[\text{CH}_2\text{CH}(\text{CH}_3)_2]\text{COOH}$ , and their esters and salts and other phosphinothricin derivatives,

(A2) compounds of the formula (A2) and their esters and salts,



(A3) imidazolinones and their salts and

(A4) herbicidal azoles from the protoporphyrinogen-oxidase inhibitors (PPO inhibitors)

and

(B) one or more herbicides from the group of the compounds which consists of

(B0) one or more structurally different herbicides from the abovementioned group (A),

(B1) foliar- and/or soil-acting herbicides (residual action) which are effective selectively in soybeans against monocotyledonous and predominantly dicotyledonous harmful plants,

(B2) herbicides which are effective selectively in soybeans against dicotyledonous harmful plants,

(B3) foliar- and soil-acting herbicides which are effective selectively in soybeans against monocotyledonous harmful plants,

(B4) foliar-acting herbicides which are effective selectively in soybeans against monocotyledonous and dicotyledonous harmful plants and

(B5) nonselective herbicides which can be employed in soybeans for specific purposes,

and the soybean crops are tolerant to the herbicides (A) and (B) which form a constituent of the combination, if appropriate in the presence of safeners.

2. The use as claimed in claim 1, wherein glufosinate-ammonium is employed as active substance (A).

3. The use as claimed in claim 1, wherein glyphosate-isopropylammonium is employed as active substance (A).

4. The use as claimed in claim 1, wherein one or more herbicides from the group consisting of

(B0) one or more structurally different herbicides from the abovementioned group (A),

(B1) foliar-acting and/or soil-acting herbicides which are effective selectively in soybeans against monocotyledonous and predominantly dicotyledonous harmful plants, from the group consisting of trifluralin, metribuzin, clomazone, pendimethalin, metolachlor, flumetsulam, dimethenamid, alachlor, linuron, sulfentrazone, ethalfluralin, fluthiamide, norflurazone, vernolate and flumioxazin,

(B2) herbicides which are effective selectively in soybeans against dicotyledonous harmful plants, from the group consisting of chlortoluron, bentazone, thifensulfuron, oxyfluorfen, lactofen,

fomesafen, flumiclorac, acifluorfen, 2,4-DB, 2,4-D, chlorimuron, cloransulam, diclosulam, fluthiacet and oxasulfuron,

(B3) foliar- and soil-acting herbicides which are effective selectively in soybeans against monocotyledonous harmful plants, from the group consisting of sethoxydim, cycloxydim and clethodim,

(B4) foliar-acting herbicides which are effective selectively in soybeans against monocotyledonous harmful plants, from the group consisting of quizalofop-P, quizalofop, fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop, haloxyfop-P and propaquizafop or

(B5) nonselective herbicides which can be employed in soybeans for specific purposes, from the group consisting of paraquat or of herbicides of several of groups (B0) to (B4) are present as component (B).

5. The use as claimed in claim 1, wherein the herbicide combination comprises other crop protection active ingredients.

6. The use as claimed in claim 1, wherein the herbicide combination comprises adjuvants and formulation auxiliaries conventionally used in crop protection.

7. A method of controlling harmful plants in tolerant soybean crops, which comprises applying the herbicides of the herbicide combination, as defined in claim 1, jointly or separately, pre-emergence, post-emergence or pre- and post-emergence to the plants, parts of the plants, seeds of the plants or the area under cultivation.

8. A herbicidal composition which consists of a combination of one or more herbicides (A) as defined in claim 1, and one or more herbicides from the group consisting of

(B0') one or more structurally different herbicides from the abovementioned group (A),

(B1') foliar-acting and/or soil-acting herbicides which are effective selectively in soybeans against monocotyledonous and predominantly dicotyledonous harmful plants, from the group consisting of trifluralin,

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metribuzin, clomazone, pendimethalin, flumetsulam, alachlor, sulfentrazone, ethalfluralin, fluthiamide, vernolate and flumioxazin,

(B2') herbicides which are effective selectively in soybeans against dicotyledonous harmful plants, from the group consisting of chlortoluron, bentazone, oxyfluorfen, lactofen, fomesafen, flumiclorac, acifluorfen, cloransulam, diclosulam, fluthiacet and oxasulfuron,

(B3') foliar- and soil-acting herbicides which are effective selectively in soybeans against monocotyledonous harmful plants, from the group consisting of sethoxydim, cycloxydim and clethodim,

(B4') foliar-acting herbicides which are effective selectively in soybeans against monocotyledonous harmful plants, from the group consisting of quizalofop-P, quizalofop, fenoxaprop-P, fenoxaprop, fluazifop-P, fluazifop, haloxyfop and haloxyfop-P or

(B5') nonselective herbicides which can be employed in soybeans for specific purposes, from the group consisting of paraquat or of herbicides of several of groups (B0') to (B4') and, if appropriate, comprises adjuvants or formulation auxiliaries conventionally used in crop protection.

9. The use of the composition defined in claim 8 for regulating the growth of soybean plants.
10. The use of the composition defined in claim 8 for influencing the yield or the constituents of soybean plants.

Add B1

Add C1

Add D2